

READ ME

Intro

This PKCS7Sign application will Digitally Sign documents and files using digital certificates. You can select the signing certificate from your PIV card or MSCAPI store. It will store the document and signature together in a single PKCS7 enveloped file. The signed file will appear in the same directory as the original file, with the same filename with an added extension of ".p7m".

Usage

This tool can be used off the start menu via Start -> ICAM -> PKCS7Sign, and a file browser will appear allowing you to select a file to sign.

Alternatively, the user can select a file in a Windows Explorer window, right click on the file and select "Open With", then manually select the signing application in c:\Program Files\ICAM\PKCS7Sign.

Verification

There is a tool called "PKCS7Unpack" included to allow verification. It will display the signing and display whether or not the signature passed validation. Run the application and select the file to verify.

Security

On Windows 7 and Vista, the document can be signed using SHA256, a more secure algorithm. On Windows XP, the document will be signed using SHA1.